

a) the Singapore Examination Report dated October 30, 2007.

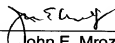
This Information Disclosure Statement should not be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist.

STATEMENT UNDER 37 C.F.R. 1.97(e)

The undersigned states that each item of information contained in this disclosure statement was from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

Please charge the petition fee for filing this Information Disclosure Statement in the amount of \$180.00 to Deposit Account No. 13-3848. This paper is also authorization to charge any insufficiency of fees due with this filing to Deposit Account No. 13-3848. Triplicate copies of this paper are submitted.

Respectfully submitted,

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DANISH PATENT AND TRADEMARK OFFICE

SINGAPORE EXAMINATION REPORT

Application No.

200501617-5

Date of mailing:

30 OCT. 2007

DKPTO SE No.

SE 2007 03628F

Applicant's or agents file reference

CG/HYYY/MARI/PAT/8120134/SG

Application filing date

17/03/2005

Priority date

19/03/2004

International Patent Classification (IPC) as indicated in the search report or the Request, if no indication in the search report

Int. Cl.

C08G 65/26, B01J 27/26

Applicant:

BAYER MATERIALSCIENCE LLC (US)

1. This report consists of a total of 9 sheets.

2. This report contains indications relating to the following items:

- I ☒ Basis of the opinion
- II ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- III ☐ Lack of unity of invention
- IV ☒ Reasoned statement with regard to novelty, inventive step or industrial applicability;
Citations and explanations supporting such statement
- V ☐ Certain documents cited
- VI ☐ Certain defects in the application
- VII ☒ Certain observations on the application

IPOS 2NOV07 10:34

3. This report is based upon the assumption that the priority claim is valid

4. The search report was issued by the European Patent Office, and the date of completion is 3rd of June 2005.

Date of submission of the request to the Danish Patent and Trademark Office:

Date of Examination Report:

8th of October 2007

Name and mailing address

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Authorized Officer

Lis Heide

I. Basis of the report

1. This report has been drawn on the basis of:

- ☐ The application as originally filed.
- ☒ The description, pages, 1-17 as originally filed,
pages, filed with the request
pages, received on with the letter of
- ☒ The claims, pages, as originally filed,
pages, filed with the request
Pages 18-21, received with the letter of 5th of June 2007.
- ☐ The drawings, sheets/fig, as originally filed,
sheets/fig, filed with the request
sheets/fig, received on with the letter of
- ☐ The sequence listing part of the description:
pages, as originally filed,
pages, filed with the request
pages, received on with the letter of
- ☐ Applicants reply dated.....

2. The amendments have resulted in the cancellation of: pages:
sheets of drawings/figures no.

3. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the supplemental box.

4. Additional observations, if necessary:

II. Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

The questions whether the claimed invention appears to be novel, to involve an inventive step, or to be industrially applicable have not been and will not be examined in respect of:

☐ the entire application,

☐ claims no.'s:

because

☐ the description, claims or drawings (*indicate particular elements below*) or said claims no.'s are so unclear that no meaningful opinion could be formed (*specify*):

☐ the claims, or said claims no.'s are so inadequately supported by the description that no meaningful opinion could be formed:

☐ no search report has been established for said claim no.'s

III. Lack of unity of invention

1. There are multiple inventions in this application, as follows:

2. Consequently, the following parts of the application were the subject of examination in establishing this report:

☐

all parts

☐

the parts relating to claims no.'s

IV. Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement.

1. Statement:

Novelty	YES	Claims 1-32
	NO	claims
Inventive step	YES	Claims 1-32
	NO	claims
Industrial applicability	YES	Claims 1-32
	NO	claims

2. Citations and explanations:

D1: US A 6077979 (MCDANIEL ET AL) 20 June 2000

Novelty

previously submitted
US 6077978 (D1) discloses a process for the polyoxyalkylation of a starter in the presence of a double metal cyanide (DMC) catalyst by introducing alkylene oxide in a oxyalkylation reactor in the presence of DMC, wherein the starter has been acidified prior to introducing the starter in the reactor. The acid is used in an amount of from about 1 ppm to about 100 ppm (according to claim 3) and is chosen among an inorganic protic mineral acid and an organic acid (see claim 1). The starter can be glycerine (claim 2). Other starters can be diglycerol and polyglycerol, according to the description column 5, line 30. Different usable acids (the same or similar to the ones mentioned in your claim 5-7) are mentioned in column 6, lines 2-23.

The reaction can be carried out continuously, according to column 3, lines 39-51. The DMC catalyst used in the examples is zinc hexacyanocobaltate complex DMC catalyst.

The alkylene oxide used is propylene oxide, see examples and claims.

A polyether polyol can be produced according to column 7, line 7-10. The polyoxypropylene polyol may be used in the production of polyurethane foams according to the description column 8, lines 7-9.

Accordingly, the content of present claims 1-32 is considered novel, since in the present set of claims, claims 1, 19 and 31 are directed to "in excess of 100 ppm" of the acid.

Inventive step:

An inventive is recognised for the content of claims 1-32 since it has been shown in the examples that an improved effect is achieved when using acid in an amount in excess of 100 ppm of the acid.

Industrial Applicability:

The content of claims 1-32 is considered applicable for industrial use.

V. Certain documents cited

1. Certain published documents:

Category	Application no. Patent no.	publication date (day/month/year)	Filing date (day/month/year)	Priority date (valid claim) (day/month/year)

2. Non-written disclosures

Kind of non-written disclosure	Date of non-written disclosure (day/month/year)	Date of written disclosure referring to non-written disclosure (day/month/year)

VI. Certain defects in the application

The following defects in the form or contents of the application have been noted:

VII. Certain observations on the application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

In claims 1, 8 and 26 it should be clarified that by "in excess of 100 ppm" is actually meant "in an amount in excess of 100 ppm" according to the description page 7, line 24, so "in an amount" must be added in the claims.

The description should be changed in accordance with the amended claims.

During the revision, especially of the introductory portion in the description and any statements of problem or advantage, care should be taken not to add subject matter, which extends beyond the content of the application as originally filed.

The applicant is also requested to clearly identify the amendments carried out, irrespective of whether they concern amendments by addition, replacement or deletion, and to indicate the passages of the application as filed on which these amendments are based. These indications could be submitted in handwritten form on a copy of the relevant parts of the application as filed.

☒ The claimed invention is patentable according to section 13(2) of SG Patents Act.

☐ The claimed invention is unpatentable according to Section 13(2) of SG Patents Act, because:

In case of divisional application filed under section 20(3) or 47(4) or as mentioned in section 26(6) with a date of filing on or after 1. July 2004:

☐ The application complies with section 84(1) of SG Patents Act.

☐ The application does not comply with section 84(1) of SG Patents Act, and comments on the additional matter are in the supplemental box.

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Supplemental Box

(To be used when the space in any of Boxes I to VII is not sufficient)

Continuation of Box [No.]: